

**NO. 6 FUEL OIL/BUNKER FUEL**

Lab Reference	2005-0364	Classification	Sh. Tk - 1
Vessel/Barge	EKTORAS	Grade	No. 6 Fuel Oil
Client	Sprague Energy	Terminal	Sprague-Searsport, ME
Date on Sample	12.27.2005	Sampled by	Keith
Date Tested	12.27.2005	Tested by	RG/JM
Allocations	ICB-Portland, ME	Lab Overtime	Yes

Tests	Method	Results	Unit of Measure
API Gravity @ 60°F	D-4052	16.5	API
Flash Point, PMCC	D-93B	180	Degrees F
Pour Point/Upper	D-97	12/54	Degrees C/F
Sulfur Content	D-4294	0.473	Weight %
S&W Content	D-1796	0.10	Volume %
Viscosity	D-445	403.8	cSt
Viscosity @ 122F	D-2161	190.6	SFS
Ash Content	D-482	0.046	Weight %
Heat of Combustion	D-240	18,842	Btu/lb
Gravity	Table 8	7.962	lb./gal
Heat of Combustion	D-240	150,020	Btu/Gal.
Nitrogen	D-5762	0.35	Weight %
Vanadium	D5863B	15	Ppm
Sodium	D5863B	17	Ppm
Water by Distillation	D-95	0.10	Volume %
Sediment by Extraction	D-473	0.04	Weight %
Asphaltenes	IP-143/D-3279	2.2	Weight %
Conradson Carbon Residue	D-189	10.5	Weight %

Approved: Rafael Garcia

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